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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/551,593	09/30/2005	Yuji Hiroshige	58666US005	5641
	7590 01/03/200 IVE PROPERTIES CO	EXAMINER		
PO BOX 33427		THOMAS, JAISON P		
ST. PAUL, MN	55133-3427	ART UNIT	PAPER NUMBER	
		1796		
			NOTIFICATION DATE	DELIVERY MODE
			01/03/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

LegalUSDocketing@mmm.com LegalDocketing@mmm.com

Office Action Summary    Examiner			Application No.	<del></del>	Applicant(s)				
Examiner  Jaison P. Thomas  The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAY. WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION  Extensions of time may be available under the provisions of 37 CFR 1.38(s). In no event, however, may a reply be timely find after St (8) MONTH from the maining date of this communication.  If NO pend for reply a specified above, the maximum standary period and reply and will reply the provision of 18 CFR 1.38(s). In no event, however, may a reply be timely find after St (8) MONTHS from the maining date of the communication.  If NO pend for reply a specified above, the maximum standary period and reply and will reply file (1) the specification to become ABANDONED (35 U.S. C, § 133). Any reply received by the Office after then three manufacture cause the application to become ABANDONED (35 U.S. C, § 133). Any reply received by the Office after then three maints after the mailing date of this communication, even if firely filed, may reduce any camera patient term adjustment. See 37 CFR 1.704(b).  Status  1) Set Responsive to communication(s) filed on 15 October 2007.  2a) This action is FINAL.  2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 7-15 and 17-25 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5 Claim(s) is/are allowed.  6) Claim(s) 1-13 and 17-25 is/are rejected.  7) Claim(s) 1-13 and 17-25 is/are rejected.  7) Claim(s) 1-13 and 17-25 is/are rejected.  7) The drawing(s) filed on 1-13 and 17-25 is/are rejected.  10 The drawing(s) filed on 1-13 and 17-25 is/are rejected.  11 The application is objected to by the Examiner.  Application Papers	•								
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1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 5) Notice of Informal Patent Application 6) Other:	1) Notice 2) Notice 3) Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO/SB/08)	<del></del>	Paper No(s)/Mail Da Notice of Informal P	ate				

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### **DETAILED ACTION**

### Continued Examination Under 37 CFR 1.114

- 1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10/15/2007 has been entered.
- 2. Claims 7-15 and 17-25 are pending. Claims 1-6,16 and 26 are cancelled. Claim 1 is amended.
- 3. Claims 7-15 and 17-25 stand rejected under 35 USC 102(b) as being anticipated by Kojima et al. (US Patent 4654255).
- 4. Claims 7-15 and 17-25 stand rejected under 35 USC 103(a) as obvious over Kojima et al. (US Patent 4654255)

# Response to Arguments

5. Applicant's arguments filed 10/15/2007 have been fully considered but they are not persuasive.

Applicant contends that the Kojima reference teaches a copolymer or terpolymer composition which contains additional monomers to the "ethylenically unsaturated monomers" of the Kojima polymer. Applicants contend that the amendment limiting the

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polymer to "consisting essentially of" a crystalline acrylic polymer with an alkyl group of 18 carbons or more renders the rejections over Kojima moot.

The Examiner respectfully disagrees with the above arguments. The Examiner notes that while the Kojima reference does teach the additional monomers comprising the polymer of Kojima, Applicant has not clearly illustrated on the record how the presence of the additional monomers in the polymer would affect the basic and novel characteristics of the claimed composition.

## Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 7. Claims 7-9,15,17-19 and 25 are rejected under 35 U.S.C. 102(b) as being anticipated by Tatsuo et al. (JP 2002-308919).

Tatsuo teaches an adhesive acrylic resin composition which is comprised of an acrylate monomer, a drying oil, organic peroxide and an accelerator which can be sandwiched between two release layers (Abstract). The reference shows that the acrylate monomer can be stearyl methacrylate (pg. 2, para. 0013 of the machine translation). Examiner notes that the machine translation provided with this action has not properly translated the name of a monomer due a typographical error in the original patent document. However, this acrylate monomer has been confirmed to be present

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by STIC Translation Services at the Patent Office. The composition can further be made thermally conductive by the addition of thermally conductive filler with examples given on pg. 3, para. 0026 of the machine translation.

### Conclusion

- 8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jaison P. Thomas whose telephone number is (571) 272-8917. The examiner can normally be reached on Mon-Fri 8:30 am to 5:00 pm.
- 9. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Randy P. Gulakowski can be reached on (571) 272-1302. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jaison Thomas Examiner 12/17/2007

JT

Mark Kopec Primar Examiner T.C-1700